





COMMERCIAL SWITCHBOARD SERVICE,  
REMOTE C.T. METERING, 600V MAX

**NOTES**

- A. Meters must be easily accessible to Cowlitz PUD personnel, preferably outside. See Standard 8-170 for details on outdoor switchboard enclosures. Indoor installations must be in an approved electrical room, see Standard 8-70 for details.
- B. Conduit between the switchboard and meter base shall be 1" gray Schedule 40 PVC or 1" rigid steel conduit. Conduit shall terminate in the C.T. compartment, in front of the current transformers. The conduit run must be no more than 50' and may not have greater than 270° in bends. 90° bends, LBs, and similar devices are not permitted inside the switchboard enclosure.
- C. The neutral terminal shall be labeled in permanent, clearly visible block lettering as "Neutral" or "N".
- D. The high (power) leg terminal for a 4-wire delta service shall be clearly identified by an orange marking.
- E. If the switchboard service section is inaccessible for any reason, the customer must provide direct access between the remote meter and the current transformer.
- F. The customer must provide and install the remote meter base, conduit, and switchboard. Cowlitz PUD will provide the meter and meter wiring.
- G. For details on C.T. compartments rated 1001 - 3000A, see Standard 8-140. For C.T. compartments rated 0 - 1000A, see Standard 8-150.
- H. Electrical inspection sticker (L & I) must be displayed on service equipment.

 <b>PUBLIC UTILITY DISTRICT NO. 1</b> <small>Cowlitz County, Washington 961 12th Avenue Longview, Washington</small>	<b>CONSTRUCTION STANDARDS</b> <b>ELECTRICAL SERVICE REQUIREMENTS</b> <b>REMOTE METER SWITCHBOARD</b>			<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td align="center">0</td> <td align="center">2/23/26</td> <td align="center">Initial release</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	0	2/23/26	Initial release						
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